

FIGURE 1

CLUSTAL W (1.81) multiple sequence alignment

```

EPPI_HUMAN
MGSSGLLSLLVLFVLLANVQGPGSLTDWLFPRRCPKIREECEFOERDVCTKDRQCQDNKKC
EPPI_MOUSE
MKLSGFVSILVLFGLLARVQGPSLADLLFPRRCPRFREECEHQERDLCTRDRDCPKKEKC
DJ11_HUMAN
MGLSGLLPILVFPFILLGDIQEPGHAEGILGKPCPKIKVECEVEEIDQCTKPRDCPENMKC
DJ11_MOUSE
MRLWGLLPFLVFPFILLWSIQEPELAEGFFIRTCPRVRVKCEVEERNECTRHRQCPNKKRC
      *      *:::*** * **   : * *   :: :: : **:: : ** : * : **:
*: *   . : : *

EPPI_HUMAN
CVFSGGKKCLDLKQDVCEMPKETGPCLAYFLHWWYDKKDNTCSMFVYGGGQGNNNNFQSK
EPPI_MOUSE
CVFNGGKKCLNPQQDICS LPKDSGYCMAYFRRWWFNKENSTCQVFIYGGGQGNNNNFQSQ
DJ11_HUMAN
CPFSRGKKCLDFRKDICSMPQEAGPCLASIPHWWYNKKTICSEFIYGGGQGNNNNFQTE
DJ11_MOUSE
CLFSGGKKCMDLRQDVCSLPQDPGPCLAYLPRWWYNQETDLCTEFIYGGGQGNPNFPSE
      * * . *****:: ::*:*.::*:*. *:* : :*:::: . * * :****.***
*** ::

EPPI_HUMAN      ANCLNTCKNKRFP---
EPPI_MOUSE      SICQNACEKKSSLT--
DJ11_HUMAN      AICLVTCCKYH-----
DJ11_MOUSE      GICTVVCKKKQMSSWI
      . *   .*::
```